

STEAM Robotics



Got automation? Get STEAMED up! When Science, Tech, Engineering, Art and Math come together, amazing things happen. Excite your students with an interactive journey through the concepts that bring robots to life. Turn your students into a giant sensor circuit that really works! Have a magnetic tug of war and see how strong motors can be. Find your balance through programs that keep robots (and people) from toppling over. Invite a robot to fly up and take a class photo from above!



Though many robots don't look like humans at all, what robot show would be complete without a super cute humanoid that can dance the Macarena? Or ballet. Or learn new dances from students – because even robots love to learn new steps!

STEAM Robotics is exciting, interactive and funny. Most of all, STEAM Robotics is educational. Aligned to the Next Generation Science Standards, students learn about:

- SENSING/ELECTRICITY – HOW SENSES SENSE USING ELECTRICITY AND CHANGING HOW IT FLOWS
- PROGRAMMING – HOW ROBOTS “KNOW” WHAT TO DO
- OUTPUT/MOTORS – HOW WE TURN ELECTRICITY INTO MOTION, LIGHT OR OTHER FORMS OF ENERGY USING ELECTROMAGNETISM
- FEEDBACK LOOPS – HOW ROBOTS WORK AUTOMATICALLY AND GET THINGS RIGHT (ALMOST) EVERY TIME

“The presenter was outstanding! I, as well as my teaching staff, felt that his delivery was clear and concise and was able to thoroughly educate and entertain the students. He inspired us to launch our own after school robotics program! Would recommend to anyone.”—Principal, Whittier, CA

“The presenter kept the students engaged from the beginning of the show to the end. Each student had a favorite robot and loved being able to “do the robot” with the robots! The staff and students loved the information he provided and were especially impressed at, not only his grasp of the concepts, but his ability to pass them on to the students. Thank you.”—Principal, Kingston, MA

